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Substitute for form 1449B

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Dated Filed: July 16, 2008

(use as many sheets as necessary)

Sheet 1 of 17

Complete if Known

Application Number	10/534,579
Filing Date	11/14/2006
First Named Inventor	Xin Jiang
Group Art Unit	1656
Examiner Name	Maryam Monshipouri
Attorney Docket Number	059314-0401

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	A1	6,372,724		Pelleg, <i>et al.</i>	April 16, 2002	
	A2	6,057,101		Nandabalan, <i>et al.</i>	May 2, 2000	
	A3	6,022,691		Bruice, <i>et al.</i>	February 8, 2000	
	A4	5,997,848		Patton, <i>et al.</i>	December 7, 1999	
	A5	5,932,435		Atkins, <i>et al.</i>	August 3, 1999	
	A6	5,914,236		Monsma, Jr., <i>et al.</i>	June 22, 1999	
	A7	5,910,434		Rigg, <i>et al.</i>	June 8, 1999	
	A8	5,840,484		Seilhamer, <i>et al.</i>	November 24, 1998	
	A9	5,837,458		Minshull, <i>et al.</i>	November 17, 1998	
	A10	5,804,413		DeLuca	September 8, 1998	
	A11	5,767,337		Roses, <i>et al.</i>	June 16, 1998	
	A12	5,707,618		Armentano, <i>et al.</i>	January 13, 1998	
	A13	5,686,242		Bruice, <i>et al.</i>	November 11, 1997	
	A14	5,605,662		Heller, <i>et al.</i>	February 25, 1997	
	A15	5,474,796		Brennan	December 12, 1995	
	A16	5,175,383		Leder, <i>et al.</i>	December 29, 1992	

U.S. PROVISIONAL PATENT APPLICATION DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Application Document	Filing Date of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Serial Number-Kind Code ² (if known)			
	B1	60/426,105	2002-11-13	ELLIOTT, Vicki	
	B2	60/433,215	2002-12-12	ELLIOTT, Vicki	
	B3	60/453,127	2003-03-07	SWARNAKAR, Anita	
	B4	60/454,801	2003-03-13	KABLE, Amy	

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Sheet	2	of	17	Attorney Docket Number	059314-0401

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		U.S. Patent Application Document			
	B5	60/465,495	2003-04-24	LEE, Soo	
	B6	60/465,619	2003-04-24	EMERLING, Brooke	
	B7	60/491,800	2003-08-01	BECHA, Shanya	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	C1		WO 95/35505		The Board of Trustees of the Leland Stanford Junior University	December 28, 1995		
	C2		WO 95/25116		California Institute of Technology	September 21, 1995		
	C3		WO 99/01554		Zymogenetics, Inc.	January 14, 1999		

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ⁶
	D1	Adam, M.A. and A.D. Miller, "Identification of a signal in a murine retrovirus that is sufficient for packaging of nonretroviral RNA into virions," (1988) <u>J. Virol.</u> 62:3802-3806		
	D2	Altschul, S.F. <i>et al.</i> , "Basic local alignment search tool," (1990) <u>J. Mol. Biol.</u> 215:403-410		
	D3	Anderson, N.L. and J. Seilhamer, "A Comparison of Selected mRNA and Protein Abundances in Human Liver," (1997) <u>Electrophoresis</u> 18:533-537		
	D4	Antinozzi, P.A. <i>et al.</i> , "Metabolic engineering with recombinant adenoviruses," (1999) <u>Annu. Rev. Nutr.</u> 19:511-544		
	D5	Armentano, D. <i>et al.</i> , "Effect of internal viral sequences on the utility of retroviral vectors," (1987) <u>J. Virol.</u> 61:1647-1650		

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Sheet	3	of	17

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	D6	Arndt, G.M. <i>et al.</i> , "A rapid genetic screening system for identifying gene-specific suppression constructs for use in human cells," (2000) <u>Nucleic Acids Res.</u> 28:E15	
	D7	Ashkenazi, A. and V.M. Divit, "Apoptosis control by death and decoy receptors," (1999) <u>Curr. Opin. Cell Biol.</u> 11:255-260	
	D8	Baltimore, D., "Intracellular Immunization," (1988) <u>Nature</u> 335:395-396	
	D9	Bauer, G. <i>et al.</i> , "Inhibition of Human Immunodeficiency Virus-1 (HIV-1) Replication After Transduction of Granulocyte Colony-Stimulating Factor-Mobilized D34 ⁺ Cells From HIV-1-Infected Donors Using Retroviral Vectors Containing Anti-HIV-1 Genes," (1997) <u>Blood</u> 89:2259-2267	
	D10	Bender, M.A. <i>et al.</i> , "Evidence that the packaging signal of Moloney murine leukemia virus extends into the gag region," (1987) <u>J. Virol.</u> 61:1639-1646	
	D11	Bitter, G.A. <i>et al.</i> , "Expression and Secretion Vectors for Yeast," (1987) <u>Methods Enzymol.</u> 153:516-544	
	D12	Blaese, R.M. <i>et al.</i> , "T Lymphocyte-Directed Gene Therapy for ADA ⁻ SCID: Initial Trial Results After 4 Years," (1995) <u>Science</u> 270:475-480	
	D13	Blind, M. <i>et al.</i> , "Cytoplasmic RNA modulators of an inside-out signal-transduction cascade," (1999) <u>Proc. Natl. Acad. Sci. USA</u> 96:3606-3610	
	D14	Boado, R.J. <i>et al.</i> , "Drug Delivery of Antisense Molecules to the Brain for Treatment of Alzheimer's Disease and Cerebral AIDS," (1998) <u>J. Pharm. Sci.</u> 87:1308-1315	
	D15	Bolton, A.E. and W.M. Hunter, "The Labelling of Proteins to High Specific Radioactivities by Conjugation to a ¹²⁵ I-Containing Acylating Agent," (1973) <u>Biochem. J.</u> 133:529-539	

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		Attorney Docket Number	059314-0401

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	D16	Bonyhadi, M.L., "RevM10-expressing T cells derived in vivo from transduced human hematopoietic stem-progenitor cells inhibit human immunodeficiency virus replication," (1997) <u>J. Virol.</u> 71:4707-4716	
—	D17	Bordignon, C. et al., "Gene Therapy in Peripheral Blood Lymphocytes and Bone Marrow for ADA Immunodeficient Patients," (1995) <u>Science</u> 270:470-475	
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—	D19	Brody, E.N. and L. Gold, "Aptamers as Therapeutic and Diagnosis Agents," (2000) <u>J. Biotechnol.</u> 74:5-19	
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	D22	Buller, R.M. et al., "Decreased Virulence of Recombinant Vaccinia Virus Expression Vectors Is Associated With a Thymidine Kinase-Negative Phenotype," (1985) <u>Nature</u> 317:813-815	
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	D24	Burge, C. and S. Karlin, "Prediction of Complete Gene Structures in Human Genomic DNA," (1998) <u>Curr. Opin. Struct. Biol.</u> 8:346-354	
	D25	Burton, D.R., "A large array of human monoclonal antibodies to type 1 human immunodeficiency virus from combinatorial libraries of asymptomatic seropositive individuals," (1991) <u>Proc. Natl. Acad. Sci. USA</u> 88:10134-10137	

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	D26	Capecchi, M.R., "Altering the Genome by Homologous Recombination," (1989) <u>Science</u> 244:1288-1292	
	D27	Caruthers, M.H. <i>et al.</i> , "New chemical methods for synthesizing polynucleotides," (1980) <u>Nucleic Acids Symp. Ser.</u> 7:215-223	
	D28	Cavazzana-Calvo, M. <i>et al.</i> , "Gene Therapy of Human Severe Combined Immunodeficiency (SCID)-X1 Disease," (2000) <u>Science</u> 288:669-672	
	D29	Chang, C.-C. <i>et al.</i> , "Evolution of a Cytokine Using DNA Family Shuffling," (1999) <u>Nat. Biotechnol.</u> 17:793-797	
	D30	Chen, L. <i>et al.</i> , "Overexpression of matrix Gla protein mRNA in malignant human breast cells: isolation by differential cDNA hybridization," (1990) <u>Oncogene</u> 5:1391-1395	
	D31	Chicz, R.M. and F.Z. Regnier, "High-Performance Liquid Chromatography: Effective Protein Purification by Various Chromatographic Modes," (1990) <u>Methods Enzymol.</u> 182:392-421	
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	D33	Clarke, M.L. <i>et al.</i> , "Comparative Analysis of Artificial Antisense RNA Regulation in Fission Yeast and Human Cells," (2000) <u>Biochem. Biophys. Res. Commun.</u> 268:8-13	
	D34	Colbere-Garapin, F. <i>et al.</i> , "A New Dominant Hybrid Selective Marker for Higher Eukaryotic Cells," (1981) <u>J. Mol. Biol.</u> 150:1-14	
	D35	Cole, S.P. <i>et al.</i> , "Human monoclonal antibodies," (1984) <u>Mol. Cell Biol.</u> 62:109-120	
	D36	Coruzzi, G. <i>et al.</i> , "Tissue-Specific and Light-Regulated Expression of a Pea Nuclear Gene Encoding the Small Subunit of rebulose-1,5-Bisphosphate Carboxylase," (1984) <u>EMBO J.</u> 3:1671-1680	

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	D37	Cote, R.J. <i>et al.</i> , "Generation of human monoclonal antibodies reactive with cellular antig," (1983) <u>Proc. Natl. Acad. Sci. USA</u> 80:2026-2030	
	D38	Crameri, A. <i>et al.</i> , "Improved Green Fluorescent Protein by Molecular Evolution Using DNA Shuffling," (1996) <u>Nat. Biotechnol.</u> 14:315-319	
	D39	Crystal, R.G. <i>et al.</i> , "A Phase 1 Study, in Cystic Fibrosis Patients, of the Safety, Toxicity, and Biological Efficacy of a Single Administration of a Replication Deficient, Recombinant Adenovirus Carrying the cDNA of the Normal Cystic Fibrosis Transmembrane Conductance Regulator Gene in the Lung," (1995) <u>Hum. Gene Therapy</u> 6:643-666	
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	D44	Dull, T. <i>et al.</i> , "A Third-Generation Lentivirus Vector with a Conditional Packaging System," (1998) <u>J. Virol.</u> 72:8463-8471	
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	D47	Elbashir, S.M. <i>et al.</i> , "Duplexes of 21-nucleotide RNAs mediate RNA interference in cultured mammalian cells," (2001) <u>Nature</u> 411:494-498	
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	D50	Fire, A. <i>et al.</i> , "Potent and specific genetic interference by double-stranded RNA in <i>Caenorhabditis elegans</i> ," (1998) <u>Nature</u> 391:806-811	
	D51	Gatti, R.A. <i>et al.</i> , "Localization of an Ataxia-Telangiectasia Gene to Chromosome," (1988) <u>Nature</u> 336:577-580	
	D52	Goins, W.F. <i>et al.</i> , "Herpes Simplex Virus Type 1 Vector-Mediated Expression of Nerve Growth Factor Protects Dorsal Root Ganglion Neurons from Peroxide Toxicity," (1999) <u>J. Virol.</u> 73:519-532	
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	D55	Gossen, M. <i>et al.</i> , "Transcriptional Activation by Tetracyclines in Mammalian Cells," (1995) <u>Science</u> 268:1766-1769	
	D56	Graham, F.L. and A.J. Eb, "A New Technique for the Assay of Infectivity of Human Adenovirus 5 DNA," (1973) <u>Virology</u> 52:456-467	
	D57	Gura, T., "A silence that speaks volumes," (2000) <u>Nature</u> 404:804-808	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT Dated Filed: July 16, 2008 (use as many sheets as necessary)		Application Number	10/534,579
		Filing Date	11/14/2006
		First Named Inventor	Xin Jiang
		Group Art Unit	1656
		Examiner Name	Maryam Monshipouri
Sheet	8	of	17
		Attorney Docket Number	059314-0401

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	D58	Haft, D.H. <i>et al.</i> , "TIGRFAMS: a protein family resource for the functional identification of proteins," (2001) <u>Nucleic Acids Res.</u> 29:41-43	
—	D59	Harrington, M.G., "Elution of Protein From Gels," (1990) <u>Methods Enzymol.</u> 182:488-495	
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	D61	Hartman, S.C. and R.C. Mulligan, "Two dominant-acting selectable markers for gene transfer studies in mammalian cells," (1988) <u>Proc. Natl. Acad. Sci. USA</u> 85:8047-8051	
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	D67	Huse, W.D. <i>et al.</i> , "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda," (1989) <u>Science</u> 246:1275-1281	
	D68	Ivics, Z., "Molecular Reconstruction of <i>Sleeping Beauty</i> , a <i>Tc1</i> -like Transposon from Fish, and Its Transposition in Human Cells," (1997) <u>Cell</u> 91:501-510	

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		Group Art Unit	1656
		Examiner Name	Maryam Monshipouri
Sheet 9 of 17	Attorney Docket Number	059314-0401	

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	D69	JANNE, J. et al., Biotechnol. Annu. Rev., 4:55-74 (1998).	
	D70	Khazaie, K. et al., "EGF Receptor in Neoplasia and Metastasis," (1993) <u>Cancer and Metastasis Rev.</u> 12:255-274	
	D71	Kimmel, A.R., "Identification and Characterization of Specific Clones: Strategy for Confirming the Validity of Presumptive Clones," (1987) <u>Methods Enzymol.</u> 152:507-511	
	D72	Kohler, G. et al., "Continuous Cultures of Fused Cells Secreting Antibody of Predefined Specificity," (1975) <u>Nature</u> 256:495-497	
	D73	Kozbor, D. et al., "Specific Immunoglobulin Production and Enhanced Tumorigenicity Following Ascites Growth of Human Hybridomas," (1985) <u>J. Immunol. Methods</u> 81:31-42	
	D74	Kwok, P.-Y. and Z. Gu, "Single Nucleotide Polymorphism Libraries: Why and How Are We Building Them?" (1999) <u>Mol. Med. Today</u> 5:538-543	
	D75	Lagerstrom, M. et al., "Capture PCR: efficient amplification of DNA fragments adjacent to a known sequence in human and YAC DNA," (1991) <u>PCR Methods Applic.</u> 1:111-119	
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	D77	Lee, S.W. et al. (1992), "Down-regulation of a member of the S100 gene family in mammary carcinoma cells and reexpression by azadeoxycytidine treatment," <u>Proc. Natl. Acad. Sci. USA</u> 89:2504-2508	
	D78	Letunic, I. et al., "Recent improvements to the SMART domain-based sequence annotation resource," (2002) <u>Nucleic Acids Res.</u> 30:242-244	
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		Application Number Filing Date First Named Inventor Group Art Unit Examiner Name Attorney Docket Number	10/534,579 11/14/2006 Xin Jiang 1656 Maryam Monshipouri 059314-0401
Sheet	10	of	17

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	D81	Lois, C. <i>et al.</i> , "Germline Transmission and Tissue-Specific Expression of Transgenes Delivered by Lentiviral Vectors," (2002) <u>Science</u> 295:868-872	
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	D83	Lowy, I. <i>et al.</i> , "Isolation of Transforming DNA: Cloning the Hamster apt Gene," (1980) <u>Cell</u> 22:817-823	
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		Filing Date	11/14/2006
		First Named Inventor	Xin Jiang
		Group Art Unit	1656
		Examiner Name	Maryam Monshipouri
		Attorney Docket Number	059314-0401
Sheet	11	of	17

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	D91	Mendoza Mendoza, L.G. <i>et al.</i> , "High-throughput microarray-based enzyme-linked immunosorbent assay (ELISA)," (1999) <u>Biotechniques</u> 27:778-788	
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	D97	Neuberger, M.S. <i>et al.</i> , "Recombinant Antibodies Possessing Novel Effector Functions," (1984) <u>Nature</u> 312:604-608	
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		Filing Date	11/14/2006
		First Named Inventor	Xin Jiang
		Group Art Unit	1656
		Examiner Name	Maryam Monshipouri
Dated Filed: July 16, 2008		Attorney Docket Number	059314-0401
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Sheet	12	of	17

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	D102	Paddison, P.J. <i>et al.</i> , "Short hairpin RNAs (shRNAs) induce sequence-specific silencing in mammalian cells," (2002) <u>Genes Dev.</u> 16:948-958	
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	D114	Rossi, J.J., "Therapeutic antisense and ribozymes," (1995) <u>Br. Med. Bull.</u> 51:217-225	
	D115	Sager, R. <i>et al.</i> , "Maspin: A Tumor Suppressing Serpin," (1996) <u>Curr. Top. Microbiol. Immunol.</u> 213:51-64	
	D116	Sandig, V. <i>et al.</i> , "Gene Transfer into Hepatocytes and Human Liver Tissue by Baculovirus Vectors," (1996) <u>Hum. Gene Ther.</u> 7:1937-1945	
	D117	Sarkar, G., "Restriction-Site PCR: A Direct Method of Unknown Sequence Retrieval Adjacent to a Known Locus by Using Universal Primers," (1993) <u>PCR Methods Applic.</u> 2:318-322	
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	D122	Schultz, J. <i>et al.</i> , "SMART, a simple modular architecture research tool: Identification of signaling domains," (1998) <u>Proc. Natl. Acad. Sci. USA</u> 95:5857-5864	
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	D130	Takamatsu, N., "Expression of Bacterial Chloramphenicol Acetyltransferase Gene in Tobacco Plants Mediated by TRV-RNA," (1987) <u>EMBO J.</u> 6:307-311	
	D131	Takeda, S. <i>et al.</i> , "Construction of Chimaeric Processed Immunoglobulin Genes Containing Mouse Variable and Human Constant Region Sequences," (1985) <u>Nature</u> 314:452-454	
	D132	Taylor, J.G. <i>et al.</i> , "Deconstructing Type 2 Diabetes," (2001) <u>Trends Mol. Med.</u> 7:507-512	
	D133	Taylor, P.C. <i>et al.</i> , "Immunotherapy for Rheumatoid Arthritis," (2001) <u>Curr. Opin. Immunol.</u> 13:611-616	

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Dated Filed: July 16, 2008 (use as many sheets as necessary)		Complete If Known			
		Application Number	10/534,579		
		Filing Date	11/14/2006		
		First Named Inventor	Xin Jiang		
		Group Art Unit	1656		
		Examiner Name	Maryam Monshipouri		
Sheet	15	of	17	Attorney Docket Number	059314-0401

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	D134	Thomson, J.A. <i>et al.</i> , Embryonic Stem Cell Lines Derived from Human Blastocysts," (1998) <u>Science</u> 282:1145-1147	
	D135	Trask, B.J., "Fluorescence <i>in situ</i> Hybridization," (1991) <u>Trends Genet.</u> 7:149-154	
	D136	Triglia, T. <i>et al.</i> , "A procedure for in vitro amplification of DNA segments that lie outside the boundaries of known sequences," (1988) <u>Nucleic Acids Res.</u> 16:8186	
	D137	Uckert, W. and W. Walther, "Retrovirus-Mediated Gene Transfer in Cancer Therapy," (1994) <u>Pharmacol. Ther.</u> 63:323-347	
	D138	Ulrix, W. <i>et al.</i> , "The Differentiation-Related Gene 1, <i>Drg1</i> , Is Markedly Upregulated by Androgens in LNCaP Prostatic Adenocarcinoma Cells," (1999) <u>FEBS Lett</u> 455:23-26	
	D139	Van Heeke, G. and S.M. Schuster, "Expression of Human Synthetase in <i>Escherichia coli</i> ," (1989) <u>J. Biol. Chem.</u> 264:5503-5509	
	D140	Verma, I.M. and N. Somia, "Gene therapy - promises, problems and prospects," (1997) <u>Nature</u> , 18:389:239-242	
	D141	Wagner, K.U. <i>et al.</i> , "Cre-mediated gene deletion in the mammary gland," (1997) <u>Nucleic Acids Res.</u> , 25:4323-4330	
	D142	Wahl, G.M. and S.L. Berger, "Molecular Hybridization of Immobilized Nucleic Acids: Theoretical Concepts and Practical Considerations," (1987) <u>Methods Enzymol.</u> 152:399-407	
	D143	Wang <i>et al.</i> , "Identification of Genes Differentially Over-Expressed in Lung Squamous Cell Carcinoma Using Combination of cDNA subtraction and microarray Analysis," (2000) <u>Oncogene</u> 19:1519-1528	

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		First Named Inventor	Xin Jiang
		Group Art Unit	1656
		Examiner Name	Maryam Monshipouri
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		Attorney Docket Number	059314-0401

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	D144	Way, J.M. <i>et al.</i> , "Comprehensive Messenger Ribonucleic Acid Profiling Reveals That Peroxisome Proliferator-Activated Receptor γ Activation Has Coordinate Effects on Gene Expression in Multiple Insulin-sensitive Tissues," (2001) <u>Endocrinology</u> 142:1269-1277	
	D145	Weiss, G.A. and H.B. Lowman, "Anticalins Versus Antibodies: Made-To-Order Binding Proteins for Small Molecules," (2000) <u>Chem. Biol.</u> 7:R177-R184	
	D146	Wigler, M. <i>et al.</i> , "Transfer of Purified Herpes Virus Thymidine Kinase Gene to Cultured Mouse Cells," (1977) <u>Cell</u> 11:223-232	
	D147	Wigler, M. <i>et al.</i> , "Transformation of mammalian cells with an amplifiable dominant-acting gene," (1980) <u>Proc. Natl. Acad. Sci. USA</u> 77:3567-3570	
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	D153	Zabner, J. <i>et al.</i> , "Adenovirus-Mediated Gene Transfer Transiently Corrects the Chloride Transport Defect in Masal Epithelia of Patients with Cystic Fibrosis," (1993) <u>Cell</u> 75:207-216	
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				Application Number	10/534,579
				Filing Date	11/14/2006
				First Named Inventor	Xin Jiang
				Group Art Unit	1656
				Examiner Name	Maryam Monshipouri
				Attorney Docket Number	059314-0401
Sheet	17	of	17		

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	D155	Zufferey, R. <i>et al.</i> , "Self-Inactivating Lentivirus Vector for Safe and Efficient In Vivo Gene Delivery," (1998) <i>J. Virol.</i> 72:9873-9880	

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Application Number				10/534,579			
Filing Date				11/10/2003			
First Named Inventor				Xin Jiang			
Art Unit				1656			
Examiner Name				Maryam Monshipouri			
Attorney Docket Number				059314-0401			
Sheet	1	of	3				

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.†	Foreign Patent Document Country Code* Number* Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

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/M.M./	A1	CREIGHTON, T., <u>Proteins, Structures and Molecular Properties</u> , WH Freeman, New York NY, 28-53; 55-60 (1984).	

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/M.M./	A2	DINICOLA, M. et al., <u>Cancer Gen. Ther.</u> , 5:350-356 (1998).	
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/M.M./	A8	JACKSON, R.L., <u>The Enzymes</u> (Boyer, P.D., ed.) Vol. XVI, 141-186, Academic Press, New York NY (1983).	
/M.M./	A9	KUHN, H. and BORNGRABER, S., <u>Adv. Exp. Med. Biol.</u> , 447:5-28 (1999). Khun	
/M.M./	A10	MANNAERTS, G.P. and Van Veldhove, P.P., <u>Biochimie</u> , 75:147-158 (1993).	
/M.M./	A11	Pullinger et al., <u>Molecular Biology and Biotechnology</u> , Wiley VCH, New York NY, 494-501 (1995).	
/M.M./	A12	Taylor, <u>Molecular Biology and Biotechnology</u> , Wiley VCH, New York NY, 856-853 (1995).	

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/M.M./	A14	SONNHAMMER, E.L.L. et al., <u>Nucleic Acids Res.</u> , 26:320-322 (1988).	
	A15	STRYER, L., <u>Biochemistry</u>, 26:267 (1995).	
	A16	STRYER, L., <u>Biochemistry</u>, 552-554, 279-280, 694-702, 884 (1988).	

Examiner Signature	/Maryam Monshipouri/	Date Considered	08/21/2008
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Date Submitted: July 23, 2008

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Sheet	1	of	17
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	A8	ANTONIN, W. et al., <u>J. Neurosci.</u> , 20:5724-5732 (2000).	
	A9	ATTWOOD, T.K. et al., <u>J. Chem. Inf. Comput. Sci.</u> , 37:417-424 (1997).	
	A10	BACUS, S.S. et al., <u>Am. J. Clin. Pathol.</u> , 102:S13-S24 (1994).	
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/M.M./	A13	BATES, E.J. and SAGGERSON, E.D., <u>Biochem. J.</u> , 182:751-762 (1979).	
/M.M./	A14	BLACK, P.N. et al., <u>J. Biol. Chem.</u> , 272:4896-4904 (1997).	
/M.M./	A15	BOLL, W. et al., <u>J. Biol. Chem.</u> , 268:12901-12911 (1993).	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: July 23, 2008 (use as many sheets as necessary)		Application Number	10/534,579
		Filing Date	11/10/2003
		First Named Inventor	Xin Jiang
		Art Unit	1656
		Examiner Name	Maryam Monshipouri
		Attorney Docket Number	059314-0401
Sheet	3	of	17

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁸
/M.M./	A16	BRASH, A.R., <u>J. Biol. Chem.</u> , 274:23679-23682 (1999).	
/M.M./	A17	BROWN, A.J., <u>Atherosclerosis</u> , 142-1-28 (1999).	
/M.M./	A18	DUCHATEAU, P.N. et al., <u>J. Lipid Res.</u> , 42:620-630 (2001).	
/M.M./	A19	BURGES, W.H. et al., <u>Mol. Cell. Biol.</u> , 10:4770-4777 (1990).	
/M.M./	A20	CALLAHAN, J.W., <u>Biochim. Biophys. Acta</u> , 1455:85-103 (1999).	
	A21	CATTY, D. et al., <u>Antibodies, Volume I: A Practical Approach</u>, IRL Press, Washington DC (1988).	
/M.M./	A22	CHEN, J. et al., <u>J. Biol. Chem.</u> , 269:2365-2368 (1994).	
/M.M./	A23	CHOU, T.T. et al., <u>J. Biol. Chem.</u> , 275:565-570 (2000). /M.M./	

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		Filing Date	11/10/2003
		First Named Inventor	Xin Jiang
		Art Unit	1656
		Examiner Name	Maryam Monshipouri
Sheet	4	of	17
		Attorney Docket Number	059314-0401

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/M.M./	A24	CHUNG, T.D., <u>Prostate</u> , 15:199-207 (1999).	
/M.M./	A25	CLAVIERIE, J.M. and AUDIC, S., <u>CABIOS</u> , 12:431-39 (1997).	
	A26	COLIGAN, J.E. et al., <u>Current Protocols in Immunology</u> , 1(2):Chapter 5 (1991).	
	A27	COLIGAN, J.E. et al., <u>Current Protocols in Immunology</u> , Green Pub. Associates and Wiley-Interscience, New York NY, (1997).	
/M.M./	A28	CONNELLY, P.W., <u>Clin. Chim. Acta</u> , 286:243-255 (1999).	
/M.M./	A29	CONRAD, D.J., <u>Clin. Rev. Allergy Immunol.</u> , 17:71-89 (1999).	
/M.M./	A30	CREUTZ, C.E., <u>J. Biol. Chem.</u> , 273:1393-1402 (1998).	
/M.M./	A31	CUPILLARD, L. et al., <u>J. Biol. Chem.</u> , 272:15745-15752 (1997).	

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				First Named Inventor	Xin Jiang
				Art Unit	1656
				Examiner Name	Maryam Monshipouri
				Attorney Docket Number	059314-0401
Sheet	5	of	17		

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/M.M./	A32	DAVIDSON, F.F. and DENNIS, E.A., <u>J. Mol. Evol.</u> , 31:228-238 (1990).		
/M.M./	A33	DAY, J.R. et al., <u>J. Biol. Chem.</u> , 269:9388-9391 (1994).		
/M.M./	A34	DELAGEBEAUDEUF, C. et al., <u>J. Biol. Chem.</u> , 273:13407-13414 (1998).		
/M.M./	A35	DENNIS, E.F., <u>J. Biol. Chem.</u> , 269:13057-13060 (1994).		
	A36	DEWEY, R.E. et al. <u>Plant Physiol. Biochem.</u> 37:445-457 (2000).		
/M.M./	A37	DOWLER, S. et al., <u>Biochem. J.</u> , 351(Pt 1):19-31 (2000).		
/M.M./	A38	VENEMA, et al., <u>J. Biol. Chem.</u> , 273:7703-7708 (1998).		
/M.M./	A39	DRISSI, H. et al., <u>J. Biol. Chem.</u> , 273:20168-20174 (1998).		

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		Filing Date	11/10/2003
		First Named Inventor	Xin Jiang
		Art Unit	1656
		Examiner Name	Maryam Monshipouri
Sheet	6	of	17
		Attorney Docket Number	059314-0401

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
/M.M./	A40	DUCHATEAU, P.N. et al., <u>J. Biol. Chem.</u> , 272:25576-25582 (1997).	
/M.M./	A41	EATON, S. et al., <u>Biochem. J.</u> , 320:345-357 (1996).	
	A42	ECKEL, R.H., <u>New Engl. J. Med.</u>, 320:1086-1088 (1989).	
/M.M./	A43	ENDRESEN, M.J. et al., <u>Scand. J. Clin. Invest.</u> , 53:733-739 (1993).	
/M.M./	A44	EWING, B. and GREEN, P., <u>Genome Res.</u> , 8:186-194 (1998).	
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/M.M./	A47	FIERER, J. et al., <u>J. Immunol.</u> , 168:6396-6403 (2002).	

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Sheet 7 of 17	Attorney Docket Number	059314-0401	

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/M.M./	A48	FITZPATRICK, D.R. et al., <u>Genomics</u> , 27:457-466 (1995).	
/M.M./	A49	FOJO, S.S. et al., <u>J. Clin. Invest.</u> , 82:1489-1494 (1988).	
/M.M./	A50	GARGOURI, Y. et al., <u>Biochim. Biophys. Acta</u> , 1006:255-271 (1989).	
/M.M./	A51	GAROFF, H. and LI, K.J., <u>Curr. Opin. Biotechnol.</u> , 9:464-469 (1998).	
/M.M./	A52	GORDON, D. et al., <u>Genome Res.</u> , 8:195-202 (1998).	
/M.M./	A53	GOTTFRIES, C.G. et al., <u>J. Neural Transm.</u> , 105:773-786 (1998).	
/M.M./	A54	GRIBSKOV, M. et al., <u>CABIOS</u> , 4:61-66 (1988).	
/M.M./	A55	GRIBSKOV, M. et al., <u>Methods Enzymol.</u> , 183:146-159 (1989).	

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/M.M./	A56	HAJRA, A.K., <u>Biochim. Biophys. Acta</u> , 1348:27-34 (1997).	
	A57	HAMPTON, R. et al., <u>Serological Methods, a Laboratory Manual</u>, APS Press, St. Paul MN, Sect. IV. (1990).	
/M.M./	A58	HASEGAWA, T. et al., <u>J. Biol. Chem.</u> , 275:8007-8015 (2000).	
/M.M./	A59	HENIKOFF, S. and HENIKOFF, J.G., <u>Methods Enzymol.</u> , 266:88-105 (1996).	
/M.M./	A60	HENIKOFF, S. and HENIKOFF, J.G., <u>Nucleic Acids Res.</u> , 19:6565-6572 (1991).	
/M.M./	A61	HIRATA, K. et al., <u>J. Biol. Chem.</u> , 274:14170-14175 (1990).	
/M.M./	A62	HOFFER, M.J., <u>Genomics</u> , 17:45-51 (1993).	
/M.M./	A63	HOULE, M.G. and BOURGOIN, S., <u>Biochim. Biophys. Acta</u> , 1439:135-149 (1999).	

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/M.M./	A65	INADERA, H. et al., <u>Biochem. Biophys. Res. Commun.</u> , 193:1174-1183 (1993).	
/M.M./	A66	JIANG, X.C. et al., <u>J. Biol. Chem.</u> , 270:17133-17138 (1995).	
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/M.M./	A68	KENNEDY, B.P. et al., <u>J. Biol. Chem.</u> , 270:22378-22385 (1995).	
/M.M./	A69	KIM, J.H., <u>FEBS Lett.</u> , 454:42-46 (1999).	
/M.M./	A70	KIM, M.J. et al., <u>J. Biol. Chem.</u> , 273:3618-3624 (1998).	
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Sheet	10	of	17

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/M.M./	A72	KOMADA, M. et al., <u>Biochem. Biophys. Res. Commun.</u> , 168:1059-1065 (1990).	
/M.M./	A73	KROGH, A. et al., <u>J. Mol. Biol.</u> , 235:1501-1531 (1994).	
/M.M./	A74	LAGACE, T.A. et al., <u>Biochem. J.</u> , 326:205-213 (1997).	
/M.M./	A75	LAMBEAU, G. et al., <u>J. Biol. Chem.</u> , 270:5534-5540 (1995).	
/M.M./	A76	LEE, C.W. et al., <u>J. Biol. Chem.</u> , 269:25335-25338 (1994).	
/M.M./	A77	LUEKING, A. et al., <u>Anal. Biochem.</u> , 270:103-111 (1999).	
/M.M./	A78	LEWIS, R.A. et al., <u>New Engl. J. Med.</u> , 323:645-655 (1990).	
/M.M./	A79	LICOVITCH, M., <u>Biochem. J.</u> , 345:401-415 (2000).	

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Substitute for form 1449/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: July 23, 2008 (use as many sheets as necessary)		Application Number	10/534,579
		Filing Date	11/10/2003
		First Named Inventor	Xin Jiang
		Art Unit	1656
		Examiner Name	Maryam Monshipouri
Sheet 11 of 17	Attorney Docket Number	059314-0401	

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/M.M./	A80	LIN, J. et al., <u>Cancer Res.</u> , 59:2891-2897 (1999).	
/M.M./	A81	LISCOVITCH, M. et al., <u>Cell</u> , 81:659-662 (1995).	
/M.M./	A82	LOFTUS, S.K. et al., <u>Science</u> , 277:232-235 (1997).	
/M.M./	A83	LOGAN, J. and SHENK, T., <u>Proc. Natl. Acad. Sci. USA</u> , 81:3655-3659 (1984).	
/M.M./	A84	LUZI, P. et al., <u>Biochem. Biophys. Res. Commun.</u> , 208:153-160 (1995).	
/M.M./	A85	MAIN, L.A. et al., <u>J. Biochem.</u> , 124:237-243 (1998).	
/M.M./	A86	MINAMI-ISHII, N. et al., <u>Eur. J. Biochem.</u> , 218:73-78 (1989).	
/M.M./	A87	NALEFSKI, E.A. et al., <u>J. Biol. Chem.</u> , 269:18239-18249 (1994).	

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		First Named Inventor	Xin Jiang
		Art Unit	1656
		Examiner Name	Maryam Monshipouri
		Attorney Docket Number	059314-0401
Sheet	12	of	17

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/M.M./	A88	NIELSON, H. et al., <u>Protein Engineering</u> , 10:1-6 (1997).	
/M.M./	A89	OBA, K. et al., <u>Cancer Genet. Cytogenet.</u> , 124:20-26 (2001).	
/M.M./	A90	OFMAN, R. et al., <u>Biochim. Biophys. Acta</u> , 1439:89-94 (1999).	
/M.M./	A91	OFMAN, R. et al., <u>Hum. Mol. Genet.</u> , 7:847-853 (1998).	
/M.M./	A92	OLIVEIRA, H.C.F. et al., <u>J. Biol. Chem.</u> , 271:31831-31838 (1996).	
/M.M./	A93	PAGE, N.M. et al., <u>Genomics</u> , 74:71-78 (2001).	
/M.M./	A94	PALOSAARI, P.M. and HILTUNEN, J.K., <u>J. Biol. Chem.</u> , 265:2446-2449 (1990).	
/M.M./	A95	PEARSON, W.R. and LIPMAN, D.J., <u>Proc. Natl. Acad. Sci. USA</u> , 85:2444-2448 (1988).	

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		First Named Inventor	Xin Jiang
		Art Unit	1656
		Examiner Name	Maryam Monshipouri
Attorney Docket Number	059314-0401		
Sheet	13	of	17

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/M.M./	A96	PEARSON, W.R., <u>Methods Enzymol.</u> , 183:63-98 (1990).	
/M.M./	A97	PERSSON, B. and ARGOS, P., <u>J. Mol. Biol.</u> , 237:182-192 (1994).	
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/M.M./	A99	PRICE, C.M., <u>Blood Rev.</u> , 7:127-134 (1993).	
/M.M./	A100	PUTZ, T. et al., <u>Cancer Res.</u> , 59:227-233 (1999).	
/M.M./	A101	REVAK, S.D., <u>J. Clin. Invest.</u> , 81:826-833 (1988).	
/M.M./	A102	RHEE, S.G. and BAE, Y.S., <u>J. Biol. Chem.</u> , 272:15045-15048 (1997).	
/M.M./	A103	SANO, K. et al., <u>Biochem. Biophys. Res. Commun.</u> , 144:367-374 (1987).	

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				First Named Inventor	Xin Jiang
				Art Unit	1656
				Examiner Name	Maryam Monshipouri
				Attorney Docket Number	059314-0401
Sheet	14	of	17		

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/M.M./	A104	SCAVO, L.M. et al., <u>Am. J. Physiol.</u> , 275:L653-669 (1998).			
/M.M./	A105	SELLE, H. et al., <u>Eur. J. Biochem.</u> , 212:411-416 (1993).			
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/M.M./	A108	SMITH, C.I. et al., <u>Am. J. Physiol.</u> , 269:L603-612 (1995).			
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/M.M./	A111	SONNHAMMER, E.L.L. et al., <u>Nucleic Acids Res.</u> , 26:320-322 (1988).			

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		Filing Date	11/10/2003
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		Art Unit	1656
(use as many sheets as necessary)		Examiner Name	Maryam Monshipouri
		Attorney Docket Number	059314-0401
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/M.M./	A112	SUH, P.G. et al., <u>Proc. Natl. Acad. Sci. USA</u> , 85:5419-5423 (1988).	
/M.M./	A113	TAKEMORI, H. et al., <u>J. Biol. Chem.</u> , 273:222-2231 (1998).	
/M.M./	A114	TCHOUA, U. et al., <u>Biochim. Biophys. Acta</u> , 1487:255-267 (2000).	
/M.M./	A115	THAI, T.P. et al., <u>FEBS Lett.</u> , 420:205-211 (1997).	
/M.M./	A116	THAI, T.P. et al., <u>FEBS Lett.</u> , 456:263-268 (1999).	
	A117	The McGraw Hill Yearbook of Science and Technology McGraw Hill New York NY 191-196 (1992)	
/M.M./	A118	THODETI, C.K. et al., <u>J. Biol. Chem.</u> , 275:9849-9853 (2000).	
/M.M./	A119	VAN PARIDON et al., <u>Biochemistry</u> , 27:6208-6214 (1988).	

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/M.M./	A121	VAN TILBEURGH, H. et al., <u>Biochim Biophys Acta</u> , 1441:173-184 (1999).	
/M.M./	A122	VENEMA, R.C. et al., <u>J. Biol. Chem.</u> , 273:7703-7708 (1998).	
/M.M./	A123	VOELKER, D.R., <u>Biochim. Biophys. Acta</u> , 1348:236-24244 (1997).	
/M.M./	A124	WALKLEY, S.U. et al., <u>Ann. N.Y. Acad. Sci.</u> , 845:188-199 (1998).	
/M.M./	A125	WEI, C.F. et al., <u>J. Biol. Chem.</u> , 260:15211-15221 (1985).	
/M.M./	A126	WESTERMAN, J. et al., <u>J. Biol. Chem.</u> , 270:14263-14266 (1995).	
/M.M./	A127	WIJKANDER, J. et al., <u>J. Biol. Chem.</u> , 270:26543-26549 (1995).	

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		Attorney Docket Number	059314-0401

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/M.M./	A128	WILKENING, G. et al., <u>J. Biol. Chem.</u> , 273:302471-30278 (1998).	
/M.M./	A129	WORBY, C.A. and DIXON, J.E., <u>Nat. Rev. Mol. Cell. Biol.</u> , 3:919-931 (2002).	
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/M.M./	A134	ZHANG, L. et al., <u>Biochem. J.</u> , 340(Pt. 1):225-264 (1999).	

Examiner Signature	/Maryam Monshipouri/	Date Considered	08/21/2008
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